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UTILITY PATENT APPLICATION **TRANSMITTAL**

Attorney Docket No.	
First Inventor	Cleveland
Title	Active Arc-Suppression
Express Mail Label No.	FROLDZIOZ

(Only for new nonprovisional applications under 37 CFR 1.53(b))	Express Mail Label No.	SOTEEO92L902
APPLICATION ELEMENTS See MPEP chapter 600 concerning utility patent application contents.	ADDRESS TO:	sioner for Paterius
1. Fee Transmittal Form (e.g., PTO/SB/17) (Submit an original and a duplicate for fee processing) Applicant claims small entity status. See 37 CFR 1.27. Specification [Total Pages 28] (preferred arrangement set forth below) - Descriptive title of the invention - Cross Reference to Related Applications - Statement Regarding Fed sponsored R & D - Reference to sequence listing, a table, or a computer program listing appendix - Background of the Invention - Brief Summary of the Invention - Brief Description of the Drawings (if filed) - Detailed Description - Claim(s)	ii. Paper	endix) I Sequence Submission e Form (CRF)
- Abstract of the Disclosure 4. Drawing(s) (35 U.S.C. 113) [Total Sheets] 5. Oath or Declaration [Total Sheets] a. Newly executed (original or copy) b. Copy from a prior application (37 CFR 1.63(d))	10. 37 CFR 3.73(b) Statem (when there is an assig English Translation Doc Information Disclosure Statement (IDS)/PTO-1 13. Preliminary Amendment Return Receipt Postcar (Should be specifically Certified Copy of Priority (if foreign priority is claim Nonpublication Reques	Attomey cument (if applicable) Copies of IDS (1449 Citations at (MPEP 503) ittemized) by Document(s) imed) st under 35 U.S.C. 122 hust attach form PTO/SB/35
18. If a CONTINUING APPLICATION, check appropriate box, and suppose specification following the title, or in an Application Data Sheet under 3: Continuation Divisional Continuation: Examiner Stephen W. Jackson For CONTINUATION OF DIVISIONAL APPS only; The entire disclosure of the 5b, is considered a part of the disclosure of the accompanying continuation The incorporation can only be relied upon when a portion has been inadverted and the continuation of the disclosure of the accompanying continuation to the incorporation can only be relied upon when a portion has been inadverted and the continuation of the disclosure of the accompanying continuation the incorporation can only be relied upon when a portion has been inadverted to the continuation of the disclosure of the accompanying continuation the incorporation can only be relied upon when a portion has been inadverted to the continuation of the disclosure of the accompanying continuation.	tion-in-part (CIP) of prior application-in-part (CIP) of prior application. Art Unit: 2836 a prior application, from which an oath or divisional application and is hereby tently omitted from the submitted application.	or declaration is supplied under Box
Name Robert C. Ryan, Nath & Associates 1030 15th Street, N.W 6th Floor		
Address	Ctoto	I Zin Code
City Washington Teams Te	State D.C.	Zip Code 20005 Fax 202.775.8396
	elephone 202-775-8383	202-773-0330
Name (Print/Type) Robert C/ Ryan	Registration No. (Attorney/Agent)	29,343

This collection of information is required by 37 CFR 156(b). The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 12 minutes to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Mail Stop Patent Application, Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450. If you need assistance in completing the form, call 1-800-PTO-9199 and select option 2.



PTO/SB/05 (08-03)

PTO/SB/17 (10-03)

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Effective 10/01/2003. Patent fees are subject to annual revision.

Applicant claims small entity status. See 37 CFR 1.27

TOTAL AMOUNT OF PAYMENT

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(\$)	5	54	.0	0	

Complete if Kn wn					
Application Number					
Filing Date					
First Named Inventor	Cleveland				
Examiner Name	Jackson				
Art Unit	2836				
Attorney Docket No.					

METHOD OF PAYMENT (check all that apply)	FEE CALCULATION (continued)					
Check Credit card Money Other None	3. ADDITIONAL FEES					
Deposit Account:			Small		•	
Denosit	Fee Code		Fee Code	Fee (\$)	Fee Description	Fee Paid
Account Number 14-0012	1051	130	2051	• • •	Surcharge - late filing fee or oath	FEE FAIR
Deposit Account Nath & Associates	1052	50	2052	25	Surcharge - late provisional filing fee or cover sheet	
Name The Director is authorized to: (check all that apply)	1053	130	1053	130	Non-English specification	
Charge fee(s) indicated below Credit any overpayments	1812	2,520	1812	2,520	For filing a request for ex parte reexamination	
Charge any additional fee(s) or any underpayment of fee(s)	1804	920*	1804	920*	Requesting publication of SIR prior to Examiner action	
Charge fee(s) indicated below, except for the filing fee to the above-identified deposit account.	1805	1,840*	1805	1,840*	Requesting publication of SIR after Examiner action	
	1251	110	2251	55	Extension for reply within first month	
FEE CALCULATION	1252	420	2252	210	Extension for reply within second month	
1. BASIC FILING FEE Large Entity Small Entity	1253	950	2253	475	Extension for reply within third month	
Fee Fee Fee Fee Paid	1254	1,480	2254	740	Extension for reply within fourth month	
Code (\$) Code (\$) 1001 770 2001 385 Utility filing fee	1255	2,010	2255	1,005	Extension for reply within fifth month	
1002 340 2002 170 Design filing fee 385.00	1401	330	2401	165	Notice of Appeal	
1003 530 2003 265 Plant filing fee	1402	330	2402	165	Filing a brief in support of an appeal	
1004 770 2004 385 Reissue filing fee	1403	290	2403	145	Request for oral hearing	
1005 160 2005 80 Provisional filing fee	1451	1,510	1451	1,510	Petition to institute a public use proceeding	
SUBTOTAL (1) (\$)	1452	110	2452	55	Petition to revive - unavoidable	
	1453	1,330	2453	665	Petition to revive - unintentional	
2. EXTRA CLAIM FEES FOR UTILITY AND REISSUE	1501	1,330	2501	665	Utility issue fee (or reissue)	
Extra Claims below Fee Paid Total Claims 34 20** = 14 x 9 = 126	1502	480	2502	240	Design issue fee	
Independent	1503	640	2503	320	Plant issue fee	
Claims Multiple Dependent	1460	130	1460	130	Petitions to the Commissioner	
	1807	50	1807	7 50	Processing fee under 37 CFR 1.17(q)	
Large Entity Small Entity Fee Fee Fee Fee Description	1806	180	180€		Submission of Information Disclosure Stmt	
Code (\$) Code (\$)	8021	40	8021	l 40	Recording each patent assignment per property (times number of properties)	
1202 18 2202 9 Claims in excess of 20 1201 86 2201 43 Independent claims in excess of 3	1809	770	2809	385	Filing a submission after final rejection (37 CFR 1.129(a))	-
1203 290 2203 145 Multiple dependent claim, if not paid	1810	770	2810	385	For each additional invention to be	
1204 86 2204 43 ** Reissue independent claims over original patent	4004	770	2004	20-	examined (37 CFR 1.129(b))	
1205 18 2205 9 ** Reissue claims in excess of 20	1801 1802	770 900	2801 1802	385 900	Request for Continued Examination (RCE) Request for expedited examination	<u> </u>
and over original patent	1,502	500	1 .502	300	of a design application	
SUBTOTAL (2) (\$) 169.00	i i	fee (sp				
**or number previously paid, if greater; For Reissues, see above	*Redu	ced by	Basic F	Filing F	ee Paid SUBTOTAL (3) (\$)	

SUBMITTED BY					(Complete	(if applicable))
Name (Print/Type)	Robert C./Ryan		Registration No. (Attorney/Agent)	29,343	Telephone	775-824-0104
Signature	I hat C	X_{-}			Date	December 12, 2003

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